

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021915\  
 Data File : BG016008.D  
 Acq On : 19 Feb 2015 18:49  
 Operator : TP/IZ  
 Sample : MDL-01-W  
 Misc : MDL-WATER-3PPM-SOM0  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 20 06:23:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM01.2-EPA-MA-BG021915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 20 05:38:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 98460    | 20.00 | ng/ul | 0.00     |
| 16) Naphthalene-d8        | 10.60 | 136  | 442758   | 20.00 | ng/ul | 0.00     |
| 33) Acenaphthene-d10      | 14.44 | 164  | 269347   | 20.00 | ng/ul | 0.00     |
| 59) Phenanthrene-d10      | 17.18 | 188  | 574028   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.35 | 240  | 586598   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 582911   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) Phenol-d5                   | 6.98  | 99  | 309842  | 33.08 | ng/ul | 0.00 |
| 5) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 192948  | 34.87 | ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4           | 7.35  | 132 | 236851  | 34.18 | ng/ul | 0.00 |
| 11) 4-Methylphenol-d8          | 8.51  | 113 | 233537  | 33.69 | ng/ul | 0.00 |
| 17) Nitrobenzene-d5            | 8.97  | 128 | 118214  | 37.78 | ng/ul | 0.00 |
| 20) 2-Nitrophenol-d4           | 9.68  | 143 | 109426  | 37.91 | ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 205486  | 32.82 | ng/ul | 0.00 |
| 27) 4-Chloroaniline-d4         | 10.73 | 131 | 365152  | 52.94 | ng/ul | 0.00 |
| 41) Dimethylphthalate-d6       | 13.85 | 166 | 671821  | 37.31 | ng/ul | 0.00 |
| 44) Acenaphthylene-d8          | 14.13 | 160 | 872310  | 34.23 | ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4           | 14.62 | 143 | 112555  | 31.08 | ng/ul | 0.00 |
| 55) Fluorene-d10               | 15.43 | 176 | 632403  | 34.94 | ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 46993   | 21.23 | ng/ul | 0.00 |
| 68) Anthracene-d10             | 17.28 | 188 | 951215  | 34.94 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 1000406 | 36.31 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 945560  | 35.77 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |       | Qvalue |
|--------------------------------|-------|-----|-------|------|-------|--------|
| 70) 1,2,3,4-Tetrachlorobenzene | 13.24 | 216 | 14403 | 1.97 | ng/uL | 95     |
| 71) Pentachlorobenzene         | 14.75 | 250 | 30053 | 4.20 | ng/uL | 96     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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